

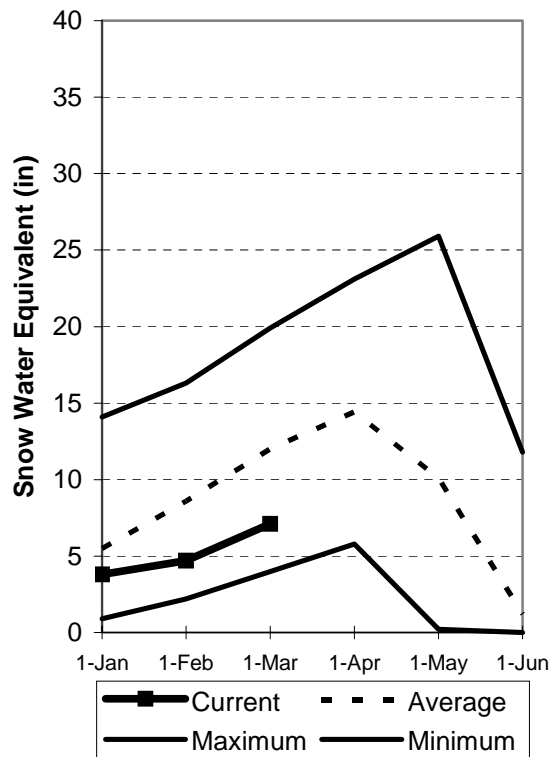
# Carbon, Emery, Wayne, Grand and San Juan Co.

## March 1, 2007

Snowpacks in this region are much below normal at 60% of average, about 72% of last year. Individual sites range from 28% to 100% of average, with the Abajo Mountains the driest in the region. It would require an unprecedented 303% of average March snowpack increase to reach an average April 1<sup>st</sup> value. Precipitation during February was below average at 82%, bringing the seasonal accumulation (Oct-Feb) to 96% of normal. Soil moisture estimates in runoff producing areas are at 48% of saturation in the upper 2 feet of soil compared to 35% last year and up 1% from last month. Forecast streamflows range from 7% to 86% of average. Reservoir storage is at 65% of capacity, same as last year at this time. Surface Water Supply Indices for the area are: Price 36%, San Rafael area 39% and Moab 39%. General runoff and water supply conditions are below normal.

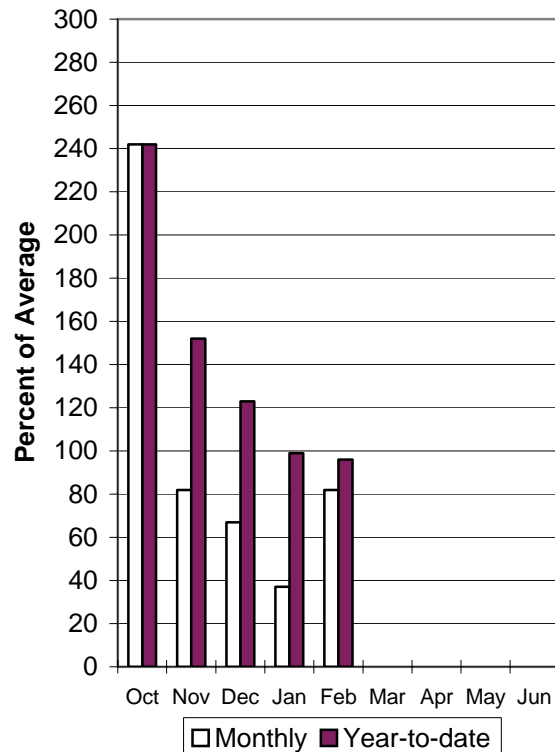
### Southeast Utah Snowpack

3/1/2007



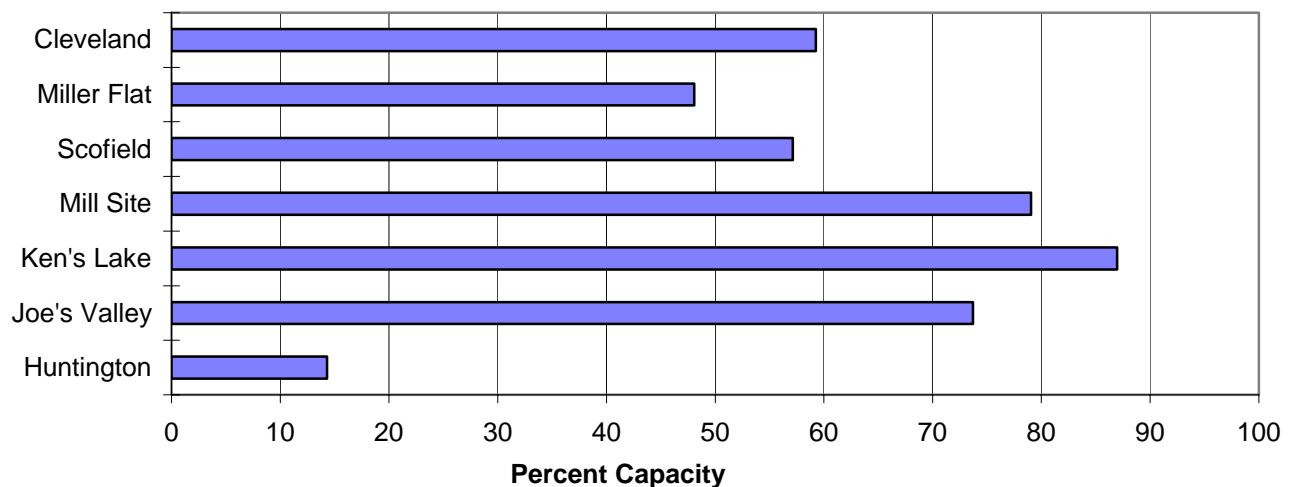
### Southeast Utah Precipitation

3/1/2007



### Reservoir Storage

3/1/2007



CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.  
Streamflow Forecasts - March 1, 2007

Forecast Point	Forecast Period	<<===== Drier ===== Future Conditions ===== Wetter =====>>				30-Yr Avg. (1000AF)		
		=====		Chance Of Exceeding *			=====	
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)		30% (1000AF)	10% (1000AF)
=====								
Gooseberry Creek nr Scofield	APR-JUL	4.6	6.3	7.6	64	9.0	11.4	11.9
Price River near Scofield Reservoir	APR-JUL	3.5	16.3	25	56	34	46	45
White River blw Tabbyune Creek	APR-JUL	2.9	5.3	7.3	42	9.7	13.8	17.3
Green River at Green River, UT (2)	APR-JUL	760	1500	2000	63	2500	3240	3170
Huntington Ck Inflow to Electric Lk	APR-JUL	3.6	5.8	7.5	48	9.5	12.7	15.7
Huntington Ck nr Huntington	APR-JUL	5.7	17.2	25	51	33	44	49
Joe's Valley Resv Inflow	APR-JUL	18.5	28	35	60	43	57	58
Ferron Ck (Upper Station) nr Ferron	APR-JUL	15.7	21	25	64	29	37	39
Colorado River Near Cisco (2)	APR-JUL	1770	3100	4000	86	4900	6230	4650
Mill Creek at Sheley Tunnel nr Moab	APR-JUL	1.8	2.5	3.1	62	3.7	4.8	5.0
Seven Mile Ck nr Fish Lake	APR-JUL	2.9	4.1	5.1	73	6.2	7.9	7.0
Muddy Creek nr Emery	APR-JUL	7.6	10.7	13.0	65	15.6	19.8	19.9
North Ck ab R.S. nr Monticello	MAR-JUL	0.0	0.0	0.1	7	0.1	0.2	0.8
South Ck ab Lloyd's Res nr Monticell	MAR-JUL	0.1	0.2	0.3	20	0.5	0.8	1.4
Recapture Ck Bl Johnson Ck nr Blandi	MAR-JUL	0.1	0.4	0.8	16	1.4	2.6	5.0
San Juan River near Bluff (2)	APR-JUL	385	715	940	76	1170	1500	1230

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.  
Reservoir Storage (1000 AF) - End of February

CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.  
Watershed Snowpack Analysis - March 1, 2007

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
HUNTINGTON NORTH	4.2	0.6	3.8	3.4	PRICE RIVER	3	57	55
JOE'S VALLEY	61.6	45.4	45.7	41.5	SAN RAFAEL RIVER	3	60	62
KEN'S LAKE	2.3	2.5	2.2	1.3	MUDDY CREEK	1	47	54
MILL SITE	16.7	13.2	8.8	84.9	FREMONT RIVER	3	110	68
SCOFIELD	65.8	37.6	37.2	34.8	LASAL MOUNTAINS	1	110	75
					BLUE MOUNTAINS	1	176	40
					WILLOW CREEK	1	267	68
					CARBON, EMERY, WAYNE, GRA	13	72	60

\* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.  
(2) - The value is natural volume - actual volume may be affected by upstream water management.